

HANDLING OVERSUBSCRIBED MESH PORTS WITH RE-TAGGING

ABSTRACT OF THE DISCLOSURE

5

One embodiment disclosed relates to a method of handling oversubscribed ports between switches. An oversubscribed port is detected at a detecting switch. A set of paths exiting at the oversubscribed port is selected for retagging, and tags for the set of paths are invalidated. When packets with the

10 invalidated tags are received, the received packets are retagged with a tag associated with a detour path. Another embodiment disclosed relates to a packet switch apparatus with oversubscribed port handling capability for use in a switching mesh. Another embodiment disclosed relates to a switching mesh including a capability to handle oversubscribed ports between switches.

15